

# **ABSTRACT**

A beam combiner includes a first beam-input face, a beam-output face, and first and second reflectors. The first beam-input face receives first and second beams of electromagnetic energy respectively having a first and second wavelengths. The first reflector reflects the first received beam toward the beam-output face, and the second reflector passes the first beam from the first reflector and reflects the received second beam toward the beam-output face. In one alternative, the first beam-input face also receives a third beam of electromagnetic energy having a third wavelength, the beam combiner includes a third reflector that reflects the received third beam toward the beam-output face, and the first and second reflectors pass the third beam from the third reflector. In another alternative, the beam combiner includes a second beam-input face that receives a third beam directed toward the beam-output face, and the first and second reflectors pass the third beam